

(a) receiving from the service provider a signal representative of an event, said signal being scrambled using a scrambling key;

(b) receiving from the service provider data representative of a first seed value, said first seed value being selected from a Euclidean plane; characterized in that

(c) coupling said scrambled signal and said first seed value, **both received from the service provider**, to said smart card, said smart card having a means for access control processing; said access control processing means comprising means for generating said scrambling key by calculating the Y-intercept of a line on said Euclidean plane by said first seed value and a second seed value **which is permanently stored** [, said second seed value being pre-stored] in said smart card and means for descrambling, **within said smart card**, said signal using said generated scrambling key to generate a descrambled signal; and

(d) receiving from said smart card said descrambled signal.

6. (AMENDED) The **system** [combination] of Claim 5 wherein the device is a set-top box.

7. (AMENDED) The **system** [combination] of Claim 5 wherein the device is a digital television.

#### REMARKS

No fee is believed to be incurred by virtue of this amendment. However, if a fee is incurred on the basis of this amendment, please charge such fee against deposit account 07-0832.

Respectfully Submitted,  
Ahmet Mursit Eskicioglu et al.

By: 

David T. Shoneman, Attorney  
Registration No. 39,371  
(609) 734-9875

THOMSON multimedia Licensing Inc.  
PO Box 5312, 2 Independence Way  
Princeton, NJ 08543-5312